

MATERIAL SAFETY DATA SHEET

FIBER-RESIN CORPORATION P.O.Box 4187 Burbank, Ca. 91503 (213)849-4608

SECTION I PRODUCT IDENTIFICATION

Product Name SLE-3009-B N/A HARDENER  
Chemical Family Polymer from dimer acids and polyamines

SECTION II HAZARDOUS INGREDIENTS

Component	Percent	PEL	TLV
Polyamide resin (CAS# 68410-23-1)	70-80		
Triethylenetetramine (CAS# 112-24-3)	5-15		
Tetraethylenepentamine (CAS# 112-57-2)	5-15		
N,N,diethyl-1,3-propanediamine (CAS# 104-78-9)	1-5		

SECTION III PHYSICAL DATA

Appearance	liquid
Color	clear amber
Odor	ammonical
Boiling point	not determined
Vapor pressure	not determined
Specific gravity	0.978
Bulk density	8.1 lbs/gal
Solubility	moderate
Percent volatile	nil

SECTION IV FIRE AND EXPLOSION DATA

Flash Point >300 F, Cleveland open cup  
Extinguishing media CO2, dry chemicals, foam, water spray  
Special fire fighting procedures  
Use self-contained breathing apparatus  
Unusual fire or explosion hazards  
May produce hazardous fumes or hazardous decomposition products.

SECTION V HEALTH EFFECTS DATA

Animal toxicity	
Oral, LD50 (ingestion)	3990 mg/kg (rat)
Dermal, LD50 (skin contact)	1000 mg/kg (rabbit)
Inhalation, LC50	not determined
Skin effects	severe irritation (rabbit)
Eye effects	severe irritation (rabbit)
Other	

Human effects

Of overexposure  
Severe eye and skin irritation or burns. Breathing may be slightly irritating. Sensitization.  
Route of entry eyes, skin  
Threshold limit value not determined

SLE-3009-B N/A

SECTION VI EMERGENCY AND FIRST AID PROCEDURES

Eye contact

Immediately flush eyes with water for 15 minutes. Call a physician.

Skin contact

Wash with soap and water immediately. Remove contaminated clothing and wash before reuse.

Inhalation

Remove to fresh air. Give oxygen if breathing is difficult.

Ingestion

If conscious, give large quantities of water or milk. Induce vomiting. Call a physician.

-----  
SECTION VII EMPLOYEE PROTECTION RECOMMENDATIONS

Eye protection

Wear splash-proof chemical goggles.

Skin protection

Wear impervious gloves.

Ventilation and respiratory protection

Good general mechanical ventilation and local exhaust.

Respirator with organic vapor cartridge in confined area where high air concentration possible.

Other

Provide eye bath and safety shower near work area.

MATERIAL SAFETY DATA SHEET  
FIBER-RESIN CORPORATION P.O.Box 4187 Burbank, Ca. 91503 (213)849-4608

SLE-3009-B N/A

SECTION VIII REACTIVITY DATA

Stability Stable  
Polymerization Will not occur  
Conditions to avoid  
None known

Incompatibility (Materials to avoid)

Strong oxidizing agents, strong Lewis and mineral acids.

Hazardous decomposition products

CO<sub>2</sub>, CO, nitrogen oxides

---

SECTION IX SPILL OR LEAK PROCEDURES

Steps to be taken in case material is released or spilled

Absorb onto sand or other absorbent material. Shovel into closeable container for disposal. Flush contaminated area with dilute (5%) acetic acid.

Waste disposal method

Landfill or incinerate in accordance with federal, state, or local regulations.

---

SECTION X SPECIAL PRECAUTIONS AND STORAGE DATA

Storage temperature(min/max) 60 F/ 90 F  
Average shelf life 12 months @ 77 F (25 C)  
Special sensitivity (heat/light/moisture)  
None

Precautions to be taken in handling and storing

Handle as to avoid any physical contact.  
Store in a closed container.  
Store in a cool, dry location.

MATERIAL SAFETY DATA SHEET  
FIBER-RESIN CORPORATION P.O.Box 4187 Burbank, Ca. 91503 (213)849-4608

SLE-3009-B N/A

SECTION XI SHIPPING DATA

DOT shipping name	Corrosive liquids, N.O.S.
Technical shipping name	Tetraethylenepentamine solution
DOT hazard classification	Corrosive liquids
UN/NA number	UN 1760
IATA classification	Corrosive liquids
DOT labels required	Corrosive liquid

-----

2-3-86

This information is furnished without warranty, expressed or implied, except that it is accurate to the best knowledge of FIBER-RESIN CORP.. The data on this sheet relates only to the specific material designated herein. FIBER-RESIN CORP. assumes no legal responsibility for use or reliance upon these data.